9th Annual
Wind O&M Dallas 2017
April 10-12, Westin Galleria, Dallas TX
North America’s Biggest Business Driven Wind O&M Event!

Capture Every MWh
Learn to Maximize Value From Every Wind Turbine

Patrick Woodson, Chairman, E.ON Climate & Renewables NA
Jeff Wehner, VP Operations, Duke Energy
Lee Faulkner, Senior Business Manager, Innogy
Ryan McGraw, President, Orion Energy Group LLC
Andrea Miller, VP Asset Management, Apex Clean Energy

KEY TOPICS STREAMS

» Rethink Turbine Reliability – Gain exclusive insights into how you can optimize O&M resources to enhance reliability, avert major failures and slash turbine downtime

» Asset & Risk Management – Learn how to maximize wind revenue, increase AEP, eliminate major operational risks and evaluate the future of wind generation

» The Pursuit of MWs – Understand how market & policy forces will reshape the way you build wind revenue, and learn what market leaders have done to achieve sustainable growth in renewables

TOP 4 FEATURES FOR 2017

1. Attend our 2nd Annual Owner Operator Workshop & Networking Day (April 10) which will provide owner operators with an exclusive chance to pore over technical O&M case studies, tools, technologies and strategies in a private peer-environment

2. NEW Asset & Risk Management Workshops designed exclusively for asset, risk and revenue professionals that will reveal how to maximize generation and revenue

3. Celebrate true O&M innovation and achievement at the 3rd Annual Wind O&M Dallas Awards Ceremony & Networking Dinner – attended by major stakeholders, winners and nominees old and new

4. NEW O&M Networking Party – Join us after the drinks reception on Day 1 as we ferry top speakers, attendees and major industry stakeholders for a new networking party in a private Dallas bar

Join 600+ leading executives and save $300+ when you register online today
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#OMDALLAS
Capture Every MWh

Produce more Energy! Avoid core components failure. Help your team work safer, faster, smarter. Every day, making the same to-do list...

Yet, if you’re anything like me (albeit in a different role) you’ll soon find yourself bogged down in the intricacies of the day to day role, and often unable to be truly forward thinking, and taking a real proactive approach to making your business and your team better.

Ensure efficiency in the nuts and bolts O&M practices. Achieve maximum long term value from your assets. While I’m sure you acknowledge the importance of these phrases, especially as the industry matures and technology evolves, are you truly taking major steps towards producing more MWhs? Is the industry even there yet?

What is stopping you? Is it simply a question of time or resource? Or is it that you have a more risk adverse approach? Or something else maybe...?

This is a challenge facing every major and minor wind turbine owner, investor and operator both large and small. As we acknowledge the difficulty of actually knowing how to increase AEP without taking on a fair share of risk, there needs to be high level debate of how a radically evolving supply chain will impact your efforts, long term. We need to recognize, as an industry, that in order to progress and at a faster rate, it is all of us who needs to stand up and deliver on what works, what doesn’t and to celebrate in every little bit of success they have seen.

It’s for this reason that Wind Energy Update is so excited to announce our most ambitious Wind O&M Dallas program to date, including; all new C-Level Headliners, a new Asset & Risk Management Track, high-value owner workshops and more alongside our pioneering O&M tracks, the world’s only wind O&M awards and our unparalleled networking opportunities.

No doubt it’s a challenge, but that’s why the 9th Annual Wind O&M Dallas 2017 conference and exhibition is here. To provide you and a record 600+ industry colleagues with the exclusive insights, tools, technologies and latest case histories you need to enhance asset reliability, avert component failures, slash downtime, increase AEP, mitigate portfolio risks and strategize for an ever growing and more profitable wind turbine fleet.

Meet the Dallas 2017 Team...

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<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Contact Details</th>
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<tbody>
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Achieve Genuine Wind ROI at North America’s Principal Business Driven Event

- New C-Level Headliners
- A Record 600+ Attendees
- 50% More Small-Medium Owner Operators
- 50+ Booths
- NEW Asset Management Topic Stream
- Owner Operator Networking Day
- World’s Only Wind O&M Awards

Record 600+ Attendees
Bringing together top decision makers and asset managers from around the globe

New Wind Farm Owners Pass
Exclusive new owners subsidy available – see pass prices and T&C’s for details

All New Asset & Risk Management Track
Go beyond O&M to maximize the value of your assets in all aspects of operations
AN IMPRESSIVE NEW LINE-UP FOR 2017 ALREADY INCLUDES...

Presenting to more than 600+ of the globe’s most senior energy stakeholders, exciting innovators and impressive new talent, 70+ top level speakers will deliver the very latest case studies, drive panel debates and lead all new interactive workshops that will allow you to reap further performance gains and maximize fleet AEP long term.

### WIND OWNER OPERATORS & DEVELOPERS

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<thead>
<tr>
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<tr>
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<td>Chairman</td>
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<td>EVP – Asset Operations</td>
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<td>Manager Health &amp; Safety</td>
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<td>Brian LaMay</td>
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<td>Tracy Jarvis</td>
<td>AES Wind Generation</td>
<td>General Manager</td>
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<td>Brad Hendrix</td>
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### WIND OEMS & ISPS

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**SPECIALIST WIND COMPONENT, SERVICE PROVIDERS & INNOVATORS**

Brandon Sommerfield, Managing Director, NGC Transmission Equipment

Bruce Neumiller, CEO, Gearbox Express

Zhiwei Zhang, VP Engineering NA, Romax Technology

Richard Brooks, Wind Aftermarket Manager, The Timken Company

Brent Wise, Co-Founder, Tech Safety Lines

Jeff Walkup, VP Sales & Operations, Gram & Juhl

Gorka Parada, CEO, NEM Solutions USA

James Moorman, Wind & Energy Market Manager, LAPP Group

Bruce Hammett, President, WECS

Brandon Fitchett, Senior Technical Lead, EPRI

**KEY EVENT & INDUSTRY INFLUENCERS**

Tom Kiernan, CEO, American Wind Energy Association

Holly Hughes, SVP Operations, Natural Power

Aaron Barr, Technical Advisor, MAKE

Aris Karcanias, Managing Director, FTI Consulting

Judah Moseson, VP Operations, Cooke Power Services

Jochem Sauer, Managing Director, Spares in Motion

Kevin Alewine, Director of Marketing, Shermco

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# OMDALLAS

**THE WIND O&M DALLAS 2017 CONFERENCE PROGRAM AT A GLANCE**

We’ve been working hard to include even more owner operator case studies and workshops alongside a brand new asset & risk management track.

To cover all the topics and ensure the best possible experience for all we’ve split the majority of the agenda into two Tracks, held across four rooms over two days.

To help you understand what will be happening, when and where we’ve drafted the rough overview below.

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<th>VENUE/ BALLROOM</th>
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<td>Dallas Ballroom 1</td>
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Note that opportunities to speak or be a panelist are limited. Contact kjeferies@fc-bi.com asap for more information.
PRE-CONFERENCE DAY (APRIL 10 @ 1PM ONWARDS)

Ahead of the main event & Wind O&M Dallas Awards join up to 100 leading owners for exclusive case studies, discussion, roundtables and networking

A unique opportunity to enjoy the very latest technical case studies on Gearbox, Blades, BOP, Asset Management issues alongside likeminded owners and out of site from prying vendors.

PRE CONFERENCE PROGRAM

1.30pm - PRE-REGISTRATION, EXHIBITION & WELCOME COFFEE

2.00 – 3.30pm – Technical Workshop hosted by NGC Transmission & Equipment

In an exclusive, owner only pre-conference workshop, get the chance to hear from NGC’s technical specialists and end-users about:

• The fundamental design principles of GBX’s, operations, common faults, failures and traditional remediation techniques

• Examine how to build a comprehensive GBX operations and maintenance strategy and what resources are available to boost your team’s technical competency

3.30 – 3.45PM – COFFEE BREAK & NETWORKING

3.45 – 6.00pm – Owners Only Case Studies & Roundtables

View a selection of carefully curated owner operator case studies on topics from Gearbox, Blades, Bearings, Generators, BOP Maintenance and more – each hosted by a technical leader and followed by a roundtable open Q&A

6.00PM TILL LATE – WIND O&M DALLAS AWARDS CEREMONY, GALA DINNER & NETWORKING DRINKS

OWNERS WHO ATTEND WIND O&M DALLAS INCLUDE...

Next Steps: Places to each of these sessions are free but limited

Contact Kerr Jeferies at kerr@windenergyupdate.com now for further information now!

EXCLUSIVE OWNERS ONLY PRE CONFERENCE GOLF DAY

While technical specialists are invited to the workshop, executive owner operators and major stakeholders will be invited to an exclusive networking session and golf experience ahead of the Wind O&M Dallas 2017 Awards Ceremony, hosted by NGC Transmission & Equipment.

Contact kjeferies@fc-bi.com for further information

Sponsored by
A Powerhouse Agenda to Unlock the Potential of Installed Wind...

[C-Level Headliners] The Pursuit of MWs – Understand how market & policy forces will reshape the way you build wind revenue, and learn what market leaders have done to achieve sustainable growth in renewables (Dallas Ballroom 1)

[Track 1] Rethink Reliability – The Core O&M Topics – Gain exclusive insights into how you can optimize O&M resources to enhance reliability, avert major failures and slash turbine downtime (Dallas Ballroom 1 & 2)

[Track 2] NEW for 2017 - Asset & Risk Management – Learn how to maximize wind revenue, increase AEP, eliminate major operational risks and evaluate the future of wind generation (Dallas Ballroom 3 & Austin Ballroom)

C-Level Headline Panel: The Pursuit of MWs
Moderated by: Tom Kiernan, CEO American Wind Energy Association
Wind executives at the tops of their games will open the conference in panel to articulate and discuss the key trends that will shape the development of the Wind O&M industry over the next 5-10 years.
Get to have your own say and post your questions straight to the moderator using our innovative Sli.do conference Q&A tool from your cellphone.

Panelists set to Include:

- Patrick Woodson, Chairman, E.ON Climate & Renewables NA
- Brian Hayes, EVP – Asset Operations, EDP Renewables
- Jeff Wehner, VP Renewable Operations, Duke Energy
- Chris Shugart, SVP Operations, Pattern Energy
- Chris Brown, President, Vestas
- Mark Albenze, CEO, Siemens Wind & Renewables
- Andy Holt, General Manager Global Wind Projects & Services, GE Renewable Energy
- Phillipe Delleville, Vice President, Gamesa
- Jeff Puterbaugh, Director of Operations, Goldwind

Track 1: Rethink Reliability – The Core O&M Topics

How to Set Targets that Optimize Portfolio Performance
- Evaluate, with owners, the key steps you need to take to go from merely ‘operating’ a turbine to actually maximizing the amount of energy produced
- Understand whether you’re collecting the right data and know if you’re even asking the right questions of your portfolio when setting new targets
- Learn as owners share their knowledge on effectively benchmarking portfolio performance to ensure accountability in any new ‘optimization’ initiative, right from the start

Rotem Zucker, Director of Asset Management, EDP Renewables
Lee Faulkner, Senior Business Manager, Innogy

Development and trial of a ground-based non-destructive evaluation for wind turbine blades
- Documenting EPRI and Digital Wind’s collaboration to evaluate different NDE technologies for ground-based measurements
- Update on most recent down-selected technologies, including long-wave thermal measurements coupled with acoustic emissions
- Example results of ground-based measurements of operational, running wind turbine blades
- Current capabilities and ongoing developments/improvements

Brandon Fitchett, Senior Technical Lead, EPRI

Effectively Prevent Wind Blade Erosion & Cracks
- Discuss the steps owners are taking to spot faults, excessive wear and cracks far earlier in the field without specialist help
- Understand how localized conditions lead to changes in blade vibration, erosion and understand how to factor this data into your local maintenance strategy
- Evaluate the solutions owners are testing to mitigate the effects of leading edge erosion, cracks and faults on their targeted annual energy production

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TRACK 1: RETHINK RELIABILITY – THE CORE O&M TOPICS

Designing the Next Generation of Blades

- Discuss the lessons the industry has learned in understanding the ‘load’ stresses imparted by rotor blades and debate what you believe can be done to mitigate failures on new turbines
- Evaluate how OEMs have become better at incorporating key learnings back into the design of new turbines and how this will impact the reliability and integrity of blades in your next wind turbine project
- Evaluate the most innovative changes manufactures are making to increase the integrity and life expectancy in the next generation of even larger turbines

Create, Sustain & Grow AEP Through an Effective Wind/Renewables ‘Nerve Centre’

- See how Duke Energy has been able to improve turbine pitch, yaw and general alignment to maximize the energy produced from optimal weather windows
- Evaluate some of the unforeseen issues that arise when developing your control center, including ‘local riot response’
- Examine how Duke Energy’s nerve center development has created scalability & operating efficiency opportunities to other owner partners

Blades Management – Why are we still talking about this?

- Grasp why it’s taken so long for owners to ‘find’ on the current best practice for organizing inspections and service windows for blades
- Get the latest insights from 2016 blade maintenance campaigns
- Use owner insights on current blade life expectancy for different turbine types and locations to better plan your own scheduled inspections and maintenance programs

Deploying Drones to Enhance Turbine Inspections

- Examine how owners have been able to utilize drones to effectively compliment traditional turbine inspections techniques
- Evaluate how drone inspections have affected operator manpower costs but also discuss the latest data on current ROI
- Understand how to overcome the challenges of integrating traditional analogue inspections data with new digital inspections data in way that compliments both and enhances the value of in-field decision making

KEYNOTE

A New Angle on Wind O&M – The Goldwind Story

Jeff Puterbaugh, Director of Operations, Goldwind

Evolving Philosophy on Gearbox Maintenance

- Discuss the key lessons learned we can all take advantage of to stay on top of gearboxes
- Examine the unique insights of owners and specialists on what can be done to ensure greater reliability on larger turbines subject to greater stresses

Fluids Management & Life Expectancy

- Understand how to dodge common errors by owners mismanaging oil changes in the gearbox and how this threatens the longevity of the whole gearbox and turbine environment
- Hear from a unique cross-supply chain panel of owners, OEMs, Gearbox Specialists and Oil Vendors about the failures you can avoid by taking on board these essential lessons learned
- Evaluate case studies showing the vast improvements to long-term O&M costs by more efficiently managing all turbine oils and fluids

Capture the Full Utility of Ground-Based Imaging

- Review the impact of advanced inspections and high-res imaging from ground based systems in expediting the identification of early-stage faults
- Discuss how such systems are being integrated successfully into the field-team’s preventative maintenance toolkit in a way that meets owner ROI expectations

New Owner’s Workshop

98 Out of the Gate

Brian Hayes, EVP – Asset Management, EDP Renewables

Scheduling Best Practice for 2017-18

- Understand what owners currently know about the best timelines and holistic strategies for performing scheduled inspections
- Gain unique insights as owners discuss developing practice from lessons learned in the 2016 service season
- Evaluate how owners have been able to better organize labor and manpower so that scheduled maintenance and inspections are costing less downtime than ever before

Better Understand Gearboxes & Rotating Forces

- Ensure you understand the effects of rotating forces on the gearbox and drivetrain
- Learn how owners have been able to effectively mitigate the effects of faults and failures caused by excessive rotating forces on their major hub components
- Understand what all owners can do to use this knowledge to make far better decisions about the service and selection of components in order to maximize life expectancy
High Power Electrical Component Failures
- With electrical component failures so frequently experienced, ensure you understand the proportion and combined cost of current average annual downtime caused by electrical failures
- Learn how owners have effectively built resources for efficient route cause analysis and efficiently prioritizing failures for repair
- Discuss the value of lost production experienced by owners that commonly delay electrical failure repairs

Challenges in Electrical Failure Route Cause Analysis (RCA)
- Discuss current best practice for owners being able to expedite the RCA of electrical failure in the field
- Evaluate the business case for improving the integrity and reliability of electrical components
- Discover what benefits owners can expect to reap if they push for greater standardization amongst electrical components

Never Forget the Balance of Plant
- Compare owner experiences in managing the stability of their ‘local grid’ and preventing BOP related disruptions to critical turbine strings
- Gain insights on the best practice for managing the integrity and repair of underground cables, transformers and substations
- Examine the easy budget wins you can find by truly understanding the cumulative small issues from the management of wild animals to proper recording of all small failures

Condition Monitoring & Predictive Maintenance
- Measure the ‘real world’ utility of CMS systems in use by owners and how the capacity of this technology is evolving to offer value to smaller owner operators
- Ask how they’ve managed to deploy such systems to avert major failures, mitigate fault risk and expedite budget saving repairs in the field
- Discuss the uncertainties that still exist in the use of CMS technology and discover which leading owners hold the most advanced knowledge

Lessons Learned: Common Wind Turbine Bearing Failures, Costs & Solutions
- Evaluate the most common bearing failures that have plagued the wind farm operators for the last five years and how they can be avoided
- Increase your technical understanding of the causes of such failures and their potential financial impact to your O&M budget
- Discuss the steps you can take to mitigate the risk of such failures and explore the upgrades owners have been using to prevent bearing failures from reappearing

Up Tower Repairs & The Cost of Access
- Examine the development of crane deployment best practice and availability and the trends in decreasing maintenance downtime
- Explore an owner case study into the current capacity for up tower repairs, how they can be better organized and how these repairs are changing the business case for crane use
- Gain critical insights into the business case made when using innovative self-hoisting crane solutions during the 2016 service season

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**TRACK 2: NEW ASSET & RISK MANAGEMENT**

Rethink the ‘internet’ to reduce spare parts waste and increase AEP

- Understand how current spare parts procurement create excessive waste and learn to pinpoint failures in your supply chain
- Evaluate new approaches being used by owners to increase warehouse efficiency by promoting inter-owner transparency and increase local parts availability
- Examine how these internet solutions can be used to directly and positively influence your current operating bottom lines

Jochem Sauer, Managing Director, Spares in Motion

The Value of Good Record Keeping

- Understand how to turn failure rates and performance data into meaningful financial models in advance of any internal retrofit or upgrade discussions
- Examine the costs of rectifying poor data collection, failure recording and documentation when looking to make large capital investments on turbine upgrades and retrofits
- Learn from leading owners on how to ensure you keep good records from the start and invest the correct resources in documentation infrastructure

Economics of Power Boost Technology

- Get acquainted with the numbers behind the energy boosting systems
- Understand why, even in for less mature owners, you should already be considering the cost benefits of power boosting tools versus equipment ‘conservation’ strategies
- Receive exclusive insights from key wind stakeholders about which approach best meets the needs of which kind of wind investor (Utility, IPP, Hedge/Pension Fund) taking into account valuable experiences from across the US market

Peter Wells, VP Service, Vestas

Unscheduled Maintenance Costs

- Understand how operators within the European and North American markets organize contingency cover and funds for unplanned maintenance
- Discover the common gaps in owner operator coverage and how they’ve acted to find solutions
- Gain insights into the coverage market and be able to confidently approach the correct parties for cover and guidance for unplanned maintenance costs

The Insurers Crystal Ball

- Examine how claim trends from the US market help reinforce our knowledge of the typical failure rates and life expectancies of key turbine components in the US market
- Uncover exclusive perspectives from the insurance and brokerage market about the latest trends in turbine component failure rates to know what you should be keeping a closer eye on

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**Secure your seat today!**

Risk Management and Choosing the Right Service Pathway

- Participate in an in-depth owner operator session that presents the business case for each post-warranty service model with perspectives from those owners who have done it before.
- This unique session allows you to take away key lessons learned and make the correct EoW service decision for your business, portfolio size, location and risk management approach.
- This will be an interactive decision where you ask the questions. Guide topics include but are not limited to.

Andrea Miller, VP Asset Management, Apex Clean Energy

Gerrud Wallaert, VP Regional Operations, E.ON Climate & Renewables NA

Self Service

- Understand when it makes sense for a business to pursue self service
- Examine how owners create the necessary infrastructure, resources and staffing levels to make a success of servicing their own assets
- Review the estimated cost savings vs. risk and overall financial benefits in adopting self-service models long term

Warranty Extension

- Review the business case for opting in to warranty extension
- Explore the ROI being seen by owners who are currently under extended contracts
- Learn how OEMs are working to minimize service costs in future

3rd Party Service Contract

- Understand how ISPs are working to compete on price but offer increased service quality and accountability
- Evaluate case studies that detail the ROI achieved by contracting to a 3rd Party for post warranty services

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TRACK 2: NEW ASSET & RISK MANAGEMENT

Real-Time Data & Decision Making

- Know how leading owners are managing to amass and structure 'big data' in such a way that it can be easily accessed and analyzed for positive decision making
- Compare the experiences of owners who have managed to successfully integrate analytical and prognostic solutions to manage to optimize the long term performance of their plants
- Understand the steps owners have taken to build and equip the analytics experts required to process and monetize data streams efficiently for in-field teams

Brian LaMay, Director of Operations & Asset Optimization, Apex Clean Energy

Forward Thinking: IP & Cyber Security

- As data becomes more prevalent in the renewables business, understand who really owns the data being collected and why this is important for timely O&M decision making
- Ensure your aware of the complex potential cyber security risks in operating more and more complex assets through remote or automotive systems

Aris Karcanas, Managing Director, FTI Consulting

Rules of the Wind Energy Game

- Examine the impact of changing US energy generation and usage trends and how this impacts the projected growth plans your business has for further wind capacity, the price MW and the long term competitiveness of your existing wind fleets
- Understand what obstacles and market changes or how new energy projects can stand to hinder your ability to get produced wind energy to market
- Revisit your understanding of grid capacity and transmission networks to ensure you can anticipate any risks of curtailment

Matthew Burt, SVP Operations, RES Americas
Ryan McGraw, President, Orion Energy Group LLC

NEW Game Changers – Energy Storage Workshop

Hosted by GE Energy Storage

In a brand new workshop, work with GE Energy Storage and top owners as they provide the latest insight into:

- The different configurations, technology and use cases for energy storage technology in installed energy capacity
- How revenue streams are built and strengthened through the use of energy storage technology in other energy generation industries
- What the specific use cases are for energy storage alongside existing wind & solar capacity in the US and globally

Lessons learned from energy storage installation, commissioning and integration already

Record 600+ Attendees
Bringing together top decision makers and asset managers from around the globe

New Wind Farm Owners Pass
Exclusive new owners subsidy available – see pass prices and T&Cs for details

All New Asset & Risk Management Track
Go beyond O&M to maximize the value of your assets in all aspects of operations
Opportunities to grow your North American business start here!

TAILOR YOUR OWN SPONSORSHIP IN 3 SIMPLE STEPS!

THINK ABOUT YOUR CONFERENCE GOALS – WHAT DO YOU WANT TO DO?
- Engage with Major Wind Stakeholders
- Launch a New Product, Service or Strategic Partnership
- Address your Target Audience
- Stay ahead of your Competitors
- Demonstrate your Capabilities
- Build Brand Awareness in New or Existing Markets
- Hold Private Client Meetings
- Meet New Prospects & Build Relationships
- Conduct Invaluable Market Research

HAVE YOU SET A CONFERENCE BUDGET?
- Speak with your marketing team and decide on what represents a sustainable conference investment for your business
- Make sure to assign the right budget to the right conference!
- No matter what your budget, we will work with you to build a package that meets your conference objectives and exceeds onsite expectations
- Request our Sponsorship & Exhibition Prospectus 2017 by emailing rmcmanus@fc-bi.com

CALL NOW TO DISCUSS YOUR OPTIONS
Spaces are limited and the event is already 60% sold out so make sure to enquire today to get the wheels in motion and secure your spot before the chance is missed!

Robert McManus,
Commercial Director,
Wind Energy Update
rmcmanus@fc-bi.com
+1 800 814 3459 x7204 (USA)
+44 (0) 207 375 7204 (Global)

AN EXPANDED TECHNOLOGY SHOWCASE & EXHIBITION
With 50+ available booths and premium exhibition spaces available, a new layout, increased attendance and better traffic flow, this is the space to take to penetrate and enhance your global wind O&M network

10% Remaining
Spaces for 2017 almost all reserved!

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#OMDALLAS

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### 2017 Sponsors & Exhibitors to Have Confirmed...

<table>
<thead>
<tr>
<th>EXHIBITORS</th>
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</thead>
<tbody>
<tr>
<td>Airway Services</td>
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<tr>
<td>WindCom</td>
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<tr>
<td>Gearbox Express</td>
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<tr>
<td>EDF Renewable Services</td>
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<td>Semikron Innovation &amp; Service</td>
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<tr>
<td>SkySpecs</td>
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9th Annual WIND O&M DALLAS AWARDS 2017

A showcase of wind’s most valuable talent and exceptional innovation!

Visit our Awards Website to have your say now!

After review with our external partners, key industry contacts and top wind energy stakeholders it was decided that the Wind O&M Dallas Awards 2017 would put emphasis on the celebration of individuals, teams and innovation over companies in order to shine a light on those who truly deserve our recognition and admiration.

As a result, there are five trophies and awards up for grabs on April 10, 2017...

BEST EXAMPLE OF O&M 2017

*NEW* WIND FARM TECHNICIAN OR TEAM OF THE YEAR 2017

WIND SMALL VENDOR OF THE YEAR 2017

BEST TECHNOLOGICAL INNOVATION OF THE YEAR 2017

MOST EXCITING INDUSTRY NEWCOMER 2017

Visit http://www.windenergyupdate.com/operations-maintenance-usa/awards.php to get started!

Real data and independent analysis to help you choose the most cost-effective O&M strategy to maximize ROI on your onshore wind power assets

**KEY DELIVERABLES OF THE REPORT INCLUDE:**

» Identify the optimum maintenance strategy for gearboxes, generators and blades:

» Benchmark your wind assets’ reliability against your peers

» OEMs vs ISPs vs In-house O&M

**KEY QUESTIONS ANSWERED:**

What are the main causes of turbine failure and how can I prevent them?

What types of turbine failure have the biggest impact on productivity?

How can I avoid catastrophic failure of gearboxes, generators or blades through best O&M practice?

When is it more cost effective to carry out O&M in-house rather than working with OEMs or ISPs?

How are other companies reducing their O&M costs whilst delivering better wind farm performance?

Under which circumstances is it cost-effective to invest in condition monitoring systems, rather than carry out scheduled O&M?

Which O&M strategies are more suitable for my particular type of asset and market?

**PREVIOUS BUYERS OF OUR REPORT INCLUDE:**

Check out the sample to full 361 page report here now at http://www.windenergyupdate.com/operations-maintenance-usa/
You can’t get networking like Wind O&M Dallas anywhere else...

Attendees by Company Type
- 40% Owner Operator
- 20% OEMs, ISPs
- 10% Finance & Investment
- 10% Critical Componentstant
- 5% New Start-Ups
- 15% CMS & SCADA

Attendees by Seniority
- 25% C-Level Executive
- 20% Senior Management
- 15% Wind Assets Manager
- 15% Operations
- 15% Business Development

Where are they from?
- 65% North America
- 15% South America
- 20% Europe

Here is a sneak peak at some of those from the last edition

General Manager, AES Wind Generation
Team Leader - Buffalo Gap 3, AES Wind Generation
Senior Business Manager, Algonquin Power
Plant Manager - Wind Division, Algonquin Power
Senior Manager, Alliant Energy
Reginal Director Wind General Operations, Alliant Energy

Vice President - Asset Management, Apex Clean Energy
Manager - Safety, Health & Environmental, Apex Clean Energy
Manager, Alaska Village Electric Cooperative Member
Relations Specialist, AWEA Chief Executive Officer, AWEA
Key Account Manager, BP Wind Energy

Application Engineer, BP Wind Energy
Director - Field Safety, BP Wind Energy
Head - Renewables, Capital Power
Consultant, CFE Mexico
Site Management, Colorado Highlands Wind
Site Management, Colorado Highlands Wind
Plant Manager, CR Operaciones y Mantenimiento SA

Project Manager, DTE Energy
Specialist - Engineer, DTE Energy
Manager - Wind Resources, DTE Energy
Vice President Operations, Duke Energy Renewables
Business Development Manager, Duke Energy Renewables
President Commercial Operations, Duke Energy Renewables

Director - Asset Management, E.ON Climate & Renewables Operations, E.ON Climate & Renewables North America Inc.
Vice President - Operations West Texas, E.ON Climate & Renewables North America Inc.
Operations Training Manager, E.ON Climate & Renewables North America Inc.

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**Bring the team -**

In gathering +600 industry experts across 2 days, providing you with multiple discussions and conference sessions, and giving you the freedom to explore critical O&M technologies and Asset Management techniques – we understand the need for you to bring colleagues with you to ensure that all these benefits are taken advantage of. Find out how much you could save with a group booking by contacting us now at kjeferies@fc-bi.com

*NEW – Wind Farm Owners Pass:*

This pass type is only available to wind farm owners and developers that are currently managing installed +1MW capacity (such as E.ON, Avangrid, Next Era, Duke Energy, Gestamp, EDP Renewables, Leeward Energy, RES Americas, Mid-American, Pattern Energy, Brookfield etc.). All registrants for this pass that are not wind farm owners will be charged for an Executive Pass at that day’s rate.

<table>
<thead>
<tr>
<th>PASS DETAILS</th>
<th>Premium Pass</th>
<th>Executive Pass</th>
<th>Economy Pass</th>
<th>NEW – Wind Farm Owners Pass*</th>
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<tbody>
<tr>
<td>Access to the full 2-day conference &amp; technology showcase</td>
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<td>Access to online networking center pre &amp; post conference</td>
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<td>Access to all presentation slides</td>
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<td>Full audio recordings of all speakers</td>
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<td>Access to the Wind O&amp;M Dallas Awards Ceremony &amp; Gala Dinner (April 10)</td>
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<td>Access to the exclusive delegate Networking Party (April 11)</td>
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<tr>
<td>Access to the exclusive Owners Pre-Conference Workshop &amp; Networking Day (April 10)</td>
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<tr>
<td>Access to the Official Wind O&amp;M Dallas Debrief including key summaries, analysis and video</td>
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<td>Get the complete Wind Energy Update Onshore O&amp;M Series Report Bundle (Worth $7995 standalone) View the sample report here</td>
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Super Early Bird - Save up to $300 when you register by Jan 20, 2017

- $6,790
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- $7,090
- $2,295
- $1,995
- $849

Groups of 2 or more can now unlock special discounts. Enquire directly for details.

**2. ENTER ATTENDEE DETAILS**

**SAVE an EXTRA 10%**

**ENTER THE DISCOUNT CODE BROCHURE10**

before Dec 2, 2016 for a further 10% launch discount on top of existing savings!

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Capture Every MWh
Learn to Maximize Value From Every Wind Turbine

Patrick Woodson, Chairman, E.ON Climate & Renewables NA
Jeff Wehner, VP Operations, Duke Energy
Lee Faulkner, Senior Business Manager, Innogy
Ryan McGraw, President, Orion Energy Group LLC
Andrea Miller, VP Asset Management, Apex Clean Energy

KEY TOPICS STREAMS

› Rethink Turbine Reliability – Gain exclusive insights into how you can optimize O&M resources to enhance reliability, avert major failures and slash turbine downtime

› Asset & Risk Management – Learn how to maximize wind revenue, increase AEP, eliminate major operational risks and evaluate the future of wind generation

› The Pursuit of MWs – Understand how market & policy forces will reshape the way you build wind revenue, and learn what market leaders have done to achieve sustainable growth in renewables

TOP 4 FEATURES FOR 2017

1. Attend our 2nd Annual Owner Operator Workshop & Networking Day (April 10) which will provide owner operators with an exclusive chance to pore over technical O&M case studies, tools, technologies and strategies in a private peer-environment

2. NEW Asset & Risk Management Workshops designed exclusively for asset, risk and revenue professionals that will reveal how to maximize generation and revenue

3. Celebrate true O&M innovation and achievement at the 3rd Annual Wind O&M Dallas Awards Ceremony & Networking Dinner – attended by major stakeholders, winners and nominees old and new

4. NEW O&M Networking Party – Join us after the drinks reception on Day 1 as we ferry top speakers, attendees and major industry stakeholders for a new networking party in a private Dallas bar

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